

MASTER ENGINE BUILDERS



#4

ENGINE LOG

F.A.A. Certified Repair Station MW2R020L

"Quality not Quantity"

G&N Aircraft, Inc. Engine Log Book

- Manufacturer
- Model
- Serial Number
- Engine Total Time
- Recommended TBO
- Minimum Octane Fuel

Important Notice to Installer

Even though this engine has been test run and set using our dynamometer it must be set in the correct manner and within the limitations as specified in the engine and airframe manufacturers service manuals when installed in the aircraft.

G & N AIRCRAFT, INC. / Limited Piston Engine Warranty

Effective 1/1/2006, G & N Aircraft, Inc. (hereinafter "G & N") makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of twelve (12) months after date of delivery to customer, G & N Aircraft, Inc. shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to G & N Aircraft, Inc.'s satisfaction, within said warranty period.

For engine warranty after twelve (12) months from the date of delivery to customer and prior to the expiration of the manufacturers recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at G & N Aircraft's option, shall be prorated in the following manner. The customer shall pay a prorated amount based upon the engine's TBO and the engine hours (which shall be deemed the greater of logbook hours, recorded tachometer hours, or a minimum of forty (40) hour per month from date of delivery). For instance, an engine with a TBO of 2000 hours and with 200 hours of usage in a 16 month period would have a prorated warranty coverage of 68% applied to cost of a replacement engine or to the cost of parts and labor for repair of this subject engine, either of which shall be at the option of G & N Aircraft, Inc. Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by G & N Aircraft, Inc.

After the initial twelve (12) months from date of delivery, G & N Aircraft, Inc. will not assume any responsibility for the repair or replacement of engine accessories, including but not limited to the following: magnetos, starter, alternator, ignition harness, turbocharger, carburetor, fuel injection, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis prepaid by customer. G & N Aircraft, Inc. will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

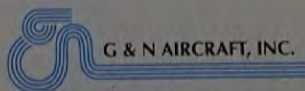
REQUIRED CONDITIONS AND PROCEDURES NECESSARY FOR OBTAINING WARRANTY WORK - The following conditions and procedures must be met before G & N Aircraft, Inc. is liable under the provisions of this written warranty. The foregoing warranty shall be effective only if the engine or component to be serviced is returned to G & N Aircraft, Inc.'s facility at customer's expense, together with a detailed description in writing of the nature of the defect. The customer or his representative should contact G & N Aircraft, Inc. for verification and authorization of warranty prior to return and/or repair. Written authorization

must be obtained from G & N Aircraft, Inc. before repairs covered by warranty can be performed other than by G & N Aircraft, Inc. In no event shall allowable repair costs exceed local published shop rates. This warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the Federal Aviation Administration ("FAA") and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by appropriate logbook entries which must accompany any engine returned for warranty work. Only defects which are reported to G & N Aircraft, Inc. within the warranty period are covered by this warranty and G & N Aircraft, Inc. must be given written notice, within ten (10) days after discovery.

LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS - G & N Aircraft, Inc. shall not be liable for freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. G & N Aircraft, Inc. does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This written warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed repaired or maintained or altered in any manner which, in the judgment of G & N Aircraft, Inc. has had an adverse effect on the engine or its parts. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. Unless prior approval is given in writing by G & N Aircraft, Inc., this warranty shall not apply to any engine which has been repaired or altered, in any manner other than by G & N Aircraft, Inc. or its authorized representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. G & N Aircraft, Inc.'s liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL G & N AIRCRAFT, INC. BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF G & N AIRCRAFT, INC. The laws of the State of Indiana will control the interpretation and application of this warranty. All disputes regarding this warranty and any related purchase or repair must be adjudicated in Lake County, Indiana.

Warranty No. 73484
Engine Serial No. L-22473-36A
Aircraft Registration No. _____



G & N AIRCRAFT, INC.

1701 East Main Street
Griffith, Indiana 46319
Tel: (219) 924-7110

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

This is to certify that the engine described hereafter has been overhauled to the manufacturer's new parts limits. Engine disassembled, cleaned, inspected, and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance as of the date of overhaul.

A description is on file at this agency under:

Job No. 73484

Date 01-10-2019

Mfg. Lycoming

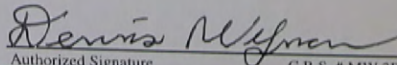
Model O-360-A1F6D

Serial No. L-22473-36A

Time in Svc. 3668.8


 **G&N Aircraft, Inc.**

1701 E. Main St.
Griffith, IN 46319
(219) 924-7110

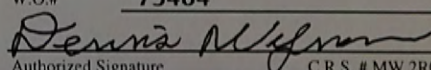

Authorized Signature C.R.S. # MW 2R020L

The Accessories Listed Below Were Overhauled and Supplied With This Engine
Engine O-360-A1F6D SN L-22473-36A DATE 01-10-19

| Part Number | Serial Number | Part Number | Serial Number |
|---------------------------|-----------------|---------------|---------------|
| MAG. <u>10-682555-11</u> | <u>G18LGN01</u> | PROPELLER | <u>NONE</u> |
| MAG <u>NONE</u> | <u>NONE</u> | PROP. GOV | <u>NONE</u> |
| ALT./GEN <u>NONE</u> | <u>NONE</u> | TACH. GEN. | <u>NONE</u> |
| INJ./CARB. <u>10-5034</u> | <u>BU151596</u> | TURBO CHARGER | <u>NONE</u> |
| FUEL PUMP <u>AF15472</u> | <u>043119</u> | WASTE GATE | <u>NONE</u> |
| STARTER <u>NONE</u> | <u>NONE</u> | CONTROLLER | <u>NONE</u> |
| VAC. PUMP <u>NONE</u> | <u>NONE</u> | CONTROLLER | <u>NONE</u> |
| DIS. VALVE <u>NONE</u> | <u>NONE</u> | REL. VALVE | <u>NONE</u> |

 **G&N Aircraft, Inc.**

1701 E. Main St.
Griffith, IN 46319
(219) 924-7110

W.O.# 73484

Authorized Signature C.R.S. # MW 2R020L

AIRWORTHINESS DIRECTIVE

At date of engine overhaul: 01-10-2019

Engine Model: 0-360-A1F6D

Authorized Signature: *Dennis Mylon*

| AD & REV# | REV DATE | APPLIC. SB # | ONE TIME | RECURRING |
|---------------|----------|---------------------------|----------|-----------|
| 75-08-09 | | 381C & 385C | X | |
| 87-10-06R1 | 09-01-89 | 477A | X | |
| 90-04-06R1 | 05-28-91 | 488A | | X |
| 92-12-05 | | 501B | X | |
| 93-11-11 | | AAI SBN001 | X | |
| 95-07-01 | | 95-002 | X | |
| 96-09-10 | | 381C & 385C 455D & 526 | X | |
| 97-15-11 | | 527C | X | |
| 98-02-08 | | 505B & 530B | X | |
| 98-17-11 | | | X | |
| 2002-12-07 | | 543A | | X |
| 2004-10-14 | | 475C | | X |
| 2005-19-11 | | 566 | X | |
| 2006-06-16 | | 566 & SUP 1 | X | |
| 2006-10-21 | | | X | |
| 2012-19-01 | | 569A | X | |
| 2017-16-11 | | 632 | X | |
| 81-12-06R1 | 11-12-81 | SB618 & SB619 | X | |
| 82-20-01 | | SB623 | X | |
| 05-12-06 | | MSB645 | | X |
| 63-22-03 | | A4-63 | X | |
| 72-06-05R2 | | | X | |
| 73-13-04 | | | X | |
| 89-04-02 | | A1-88 | X | |
| *****END***** | | | | |

COMPLIANCE RECORD

S/N L-22473-36A

W/O 73484

C/W complied with, P/C/W previously complied with, N/A not applicable

Authorized Signature:

Dennis Wilson

CRS MW2R020L

100 Hour , Annual Inspection,
any Gov Line Maint.

P/C/W. Proper Parts Installed.

N/A by P/N.

C/W by Inspection.

N/A by P/N.

N/A by Date

N/A by P/N.

P/C/W By P/N.

N/A by P/N.

N/A by Model.

C/W by Inspection.

C/W 06B23072 Installed.

C/W by Inspection.

N/A by S/N.

N/A by S/N.

N/A by P/N.

N/A by S/N.

C/W by Inspection.

C/W Proper Parts Installed.

P/C/W. Proper Parts Installed.

C/W by Inspection.

P/C/W. Proper Parts Installed.

N/A by P/N.

N/A by P/N.

N/A by S/N.

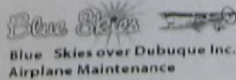
Every 500 Hours.

*****END*****

| | | |
|------|-------|------|
| Date | TACH | TSM |
| | Hobbs | SMOH |

Performed Work: Must include signature, certificate number, and repair station number if applicable

Date: 2/8/2019
Tach/Hobbs: 3668.8



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1. Installed this engine O-360-A1F6D, serial # L-22473-36A into aircraft N19519 Cessna 177B, 17702575 after overhaul by G&N Aircraft RS# MW2R020L, WO# 73484. Total engine hours = 3668.8 TSMOH = 0.0
2. Installed new rubber shock mounts and attachment bolts & nuts.
3. Installed new FWF fuel & oil hoses from Precision Hose Technologies.
4. Reinstalled original Reiff engine heater system, vacuum air pump, Sky Tee starter and alternator, C/W Plane Power ICA annual inspection. Pressure tested Power Flow exhaust system for leaks and reinstalled with new gaskets.
5. Installed new Challenger induction air filter, previously approved by 337.
6. Reinstalled carburetor air box after repair by JOE ROGG wo# 1833
7. Flushed out oil cooler. Installed new oil sump quick drain valve. Serviced engine with Phillips 20W-50 Type "M" oil. Pre-primed oil pressure before first engine start.
8. Ground ran engine, operational and leak check good.
9. Adjusted idle RPM and mixture setting.

Work Order #81280
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Inc.

| | | | | |
|---------|-------------------|--------|----|---|
| 3/25/19 | 3678.5 | 3678.5 | 10 | <p>Drained oil & oil cooler, removed oil filter.</p> <p>Installed New oil Filter, Tempest AA-48103-2.</p> <p>Replaced oil cooler drain cap, safetied drain cap and oil filter. Serviced engine w/ 8 qt. Phillips M 20W50 oil.</p> <p>Ran engine, checked for leaks, none found.</p> <p>Paul E. Park 3332747</p> <p>END of ENTRY</p> |
| 6/3/19 | 36703.7 3703.7 | 3703.7 | 35 | <p>Drained oil & oil cooler, removed oil filter.</p> <p>Installed new oil filter, Tempest AA-48103-2.</p> <p>Replaced oil cooler cap, safetied drain cap & oil filter.</p> <p>Serviced engine w/ 8 qt. Phillips M 20W50 oil</p> |

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

| Date | TACH | TTSN | SMOH |
|---------|--------|--------|--|
| | Hobbs | | |
| 6/3/19 | | | Continued - Ran Engine, checked for Leaks, none found. End of Entry, <i>Scott E. Hauke</i> 3532747 |
| 6/10/19 | 3718.8 | 3718.8 | 50 Drained oil + oil cooler, Removed oil Filter. Installed new oil Filter, Tempest AA-48103-2. Replaced oil cooler cap, safetied drain cap + oil Filter. Serviced engine w/ 8qt. Phillips x/c 20w50 oil + 1pt of ASL Camguard. Ran engine, checked for leaks, none found. End of Entry, <i>Scott E. Hauke</i> 3532747 |

Date: 7/31/2019
Tach/Hobbs: 3727.6



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

Balanced rotating mass. 5.9 grams installed at 180 degrees. Final reading 0.02 inch per second.
Work Order #81857
Name: Eric W. Seier

Signed: *EWS*
Certified Repair Station # YQYR343B

| | | | |
|---------|--------|--------|---|
| 8/31/19 | 3743.8 | 3743.8 | 75.0 Drained oil + oil cooler, Removed oil Filter. Installed new oil Filter, Tempest AA48103-2. Replaced oil cooler cap, safetied drain cap + oil Filter Serviced Engine w/ 8qt. Phillips x/c 20w50 oil + 1pt of ASL Camguard. Ran Engine checked for leaks none found, <i>Scott E. Hauke</i> 3532747 |
|---------|--------|--------|---|

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Performed Work: Must include signature, certificate number, and repair station number if applicable

| Date | TACH | TTSN |
|----------|--------|---------------|
| | Hobbs | SMOH |
| 12/14/19 | 3768.8 | 3768.8 100 |
| | | |
| | | |
| | | |

Drained oil + oil cooler, Removed oil Filter.
 Installed new oil Filter, Tempest AA 48103-2,
 Replaced oil cooler cap, safetied oil Filter + oil
 cooler cap. Serviced engine with 9 qts.
 of Phillips X/C 20W50 oil and 1pt. of ASL
 Camguard. Ran engine, checked for
 leaks, none found. Cut oil Filter
 Checked for metal, none found.
 End of Entry *Eric W. Seier* 3332747

Date: 3/20/2020
 Tach/Hobbs: 3774.6
 Total Time: 3774.6
 TSMOH: 107.8
 Cylinder Compressions

| #1 | #2 | #3 | #4 | #5 | #6 |
|-------|-------|-------|-------|----|----|
| 76/80 | 77/80 | 79/80 | 80/80 | ✓ | ✓ |



Blue Skies over Dubuque Inc.
Airplane Maintenance

Dubuque, Iowa 52003
 10800 Airport Road
 Repair Station #YQYR343B
 563-582-1293

1. Inspected engine per FAR 43 appendix D checklist. 2. Removed magneto. Cleaned and reset internal "E" gap timing. Reinstalled and retimed magneto to engine. 3. Drained carburetor float bowl. Cleaned and reinstalled carburetor screen. 4. Cleaned, gapped and reinstalled spark plugs.

I certify this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order #81944
 Name Eric W. Seier.

Signed: *E. W. Seier*
 Certified Repair Station # YQYR343B

| Date | TACH | TTSN |
|---------|--------|--------|
| | Hobbs | SMOH |
| 6/25/20 | 3793.7 | 3793.7 |
| | | |
| | | |

Drained oil + oil cooler, Removed oil Filter.
 Installed new oil filter, Tempest AA 48103-2,
 Replaced oil cooler cap, safetied oil filter
 & oil cooler cap. Serviced engine w/ 9 qts of
 Phillips X/C 20W50 oil & 1pt. of ASL Camguard.
 Ran engine, checked for leaks, none found.

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

| Date | TACH | TTSN | Performed Work: Must include signature, certificate number, and repair station number if applicable |
|---------|--------|--------|---|
| 6/25/20 | | | continued. Cut oil filter, checked for metal none found. End of Entry <i>[Signature]</i> 3532747 |
| 9/1/20 | 3818.6 | 3818.6 | Drained oil + oil cooler, Removed oil Filter. Installed new oil filter, Tempest AA48103-2. Replaced oil cooler cap, set oil filter and oil cooler cap. Serviced engine w/ 9qt of Phillips x/a 20w50 oil + 1pt of ASL Camguard. Ran Engine, checked for leaks, none found. Cut oil filter, checked for metal, none found. End of Entry <i>[Signature]</i> 3532747 |
| 11/6/20 | 3843.4 | 3843.4 | Drained oil + oil cooler, removed oil filter. Installed oil cooler cap, installed new oil filter, Tempest AA48103-2, set oil cooler cap and oil filter. Serviced engine with 9qt of Phillips x/c 20w50 oil + 1pt of ASL Camguard. Ran Engine, checked for leaks, none found. Cut oil filter, checked for metal, none found. End of Entry <i>[Signature]</i> 3532747 |

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

D

Date: 4/6/2021
Tach/Hobbs: 3865.7
Total Time: 3865.7
TSMOH: 218.9
Cylinder Compressions

| #1 | #2 | #3 | #4 | #5 | #6 |
|-------|-------|-------|-------|----|----|
| 78/80 | 78/80 | 78/80 | 78/80 | 78 | 78 |

Blue Skies  
Blue Skies over Dubuque Inc.
Airplane Maintenance

Dubuque, Iowa 52003
10800 Airport Road
Repair Station #YQYR343B
563-582-1293

e,
applicable

1. Inspected engine per FAR 43 appendix D checklist. 2. Changed engine oil and filter. Inspected filter and screen for metal. Serviced with 7 quarts 20w-50 Phillips oil. 3. Secured oil fill tube. 4. Secured oil return lines. 5. Cleaned and tested spark plugs. 6. Cleaned and recharged induction air filter. 7. Removed, disassembled, leak checked and reinstalled power flow exhaust. 8. Cleaned carburetor inlet screen. Drained carburetor float bowl. I certify this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.
Work Order #82440
Name Eric W. Seier

Signed: EW
Certified Repair Station # YQYR343B

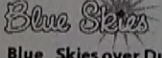

7/14/21

3890.7

3890.7

Drained oil & oil cooler, removed oil filter
Installed new oil filter, Tappet AA 48103-2.
Replaced oil cooler cap, safetied oil filter
and oil cooler cap. Serviced the engine
with 7 quarts of Phillips 20w50 and
1 pint of Ash Conqueror. Cut oil filter
checked for metal, none found.
Ran engine, checked for leaks none
found
End of Entry EW EW 3532747

Date: 9/9/2021
Tach/Hobbs: 3902.6

Blue Skies  
Blue Skies over Dubuque Inc.
Airplane Maintenance

10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

Replaced oil temp sensor gasket. Replaced oil temp terminal. Secured oil lines and induction air clamps.
Work Order #82748
Name: Eric W. Seier

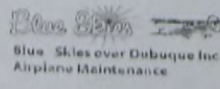
Signed: EW
Certified Repair Station # YQYR343B

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Date TACH TTBN
 Hobbs SMOH

Performed Work: Must include signature, certificate number, and repair station number if applicable

Date: 10/20/2021
 Facht/Hobbs: 3914.5



16800 Airport Road
 Dubuque, Iowa 52003
 Repair station #YQYR343B
 1-563-582-1293

1. Repaired oil cooler by-pass valve seat per SI 1316A. Disassembled and reassembled engine as required for access. 2. Replaced oil cooler by-pass valve with new.

Work Order #82828
 Name: Eric W. Seier

Signed: *EWS*
 Certified Repair Station # YQYR343B

10/21/21 3914.5

Drained oil & oil cooler, removed oil filter. Installed new oil filter, Tempest AA 48103-2. Replaced oil cooler cap, safetied oil filter and oil cooler cap. Serviced the engine with 7 quarts of Phillips 66 20W50 oil and 1 pint of Asl Canguard. Cut oil filter, checked for metal, none found. Ran Engine, checked for leaks, none found.
 End of Entry *Eric Seier* 3532747

12/17/21 3938.9

Drained oil + oil cooler, removed oil filter. Installed new oil filter, Tempest AA 48103-2. Replaced oil cooler cap, safetied oil filter and oil cooler cap. Cleaned Air filter + re-oiled. Serviced the engine with 7 quarts of Phillips 66 20W50 oil and 1 pint of Asl Canguard. Cut oil filter, checked for metal none found. Ran Engine checked for leaks none found.
 End of Entry *Eric Seier* 3532747

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

| Date | TACH | TTSN |
|---------|--------|------|
| | Hobbs | SMOH |
| 4/15/22 | 3954.2 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Performed Work: Must include signature, certificate number, and repair station number if applicable

Drained oil + oil cooler, removed oil filter, installed new oil filter, Tempest AA 88103-2. Replaced oil cooler cap, safetied oil cooler cap and oil filter. Serviced the engine with 7 quarts of Phillips X/3 20W50 and 1 pint of ASL Canguard. Cut oil filter, checked for metal, none found. Ran the engine, checked for leaks, none found.
 End of Entry *[Signature]* 3532747

| | | | | |
|-----------|------|--------|--------|--------|
| 3954.2 | TACH | 285.4 | SMOH | N19519 |
| 4/24/2022 | DATE | 3954.2 | Eng TT | |

1. Performed compression test. 1. 78, 2. 72, 3. 78, 4. 78/80.
2. Inspected customer supplied oil filter for contaminaton. No defects noted.
3. Cleaned and rotated spark plugs.
4. Inspected magneto for proper timing and security.
5. Pressure checked exhaust.
6. Inspected fuel and oil lines for condition and security.
7. Ground ran and inspected for leaks.

I Certify that this Engine was inspected IAW a Annual inspection and was found to be in an airworthy condition.

[Signature]
 Derek Squires IA 3738489

| | | | | |
|-----------|------|--|--|--------|
| 3957.9 | TACH | | | N19519 |
| 5/16/2022 | DATE | | | |

1. Removed and replaced engine baffle seal.

[Signature]
 Derek Squires A&P 3738489

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Performed Work: Must include signature, certificate number, and repair station number if applicable

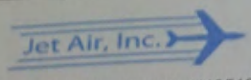
| Date | TACH | TTBN | |
|---------------|--------|------|--|
| | Hobbs | SMOH | |
| 7/30 / 22 | 3979.2 | | Drained oil & oil cooler, removed oil filter. Installed new filter, Tempest AA 48103-2. |
| | | | Replaced oil cooler cap, safetied oil cooler cap and oil filter. Cleaned & re oiled air filter. |
| | | | Serviced the engine with 8 quarts of Phillips X/C 20W50 oil and 1 pt. of ASL Camguard. |
| | | | Cut oil filter, checked for metal, none found. Ran the engine, checked for leaks, none found. |
| | | | End of Entry <i>[Signature]</i> 353 27 47 |
| 10/11 / 22 | 4004.2 | | Drained oil & removed oil filter. Installed new oil filter, Tempest AA 48103-2. Safetied the oil filter. |
| | | | Serviced the engine with 8 pts. Phillip X/C 20W50 oil and 1 pt of ASL Camguard. |
| | | | Cut oil filter, checked for metal, none found. Ran the engine, checked for leaks, none found. |
| | | | End of Entry <i>[Signature]</i> 353 27 47 |
| 3/27/23 | 4029.2 | | Drained oil & removed oil filter. Installed new oil filter, Tempest AA-48103-2. Safetied the filter. |
| | | | Serviced the engine with 8 qts of Phillips X/C 20W50 oil. Cut oil filter, checked for metal, none found. |
| | | | Ran engine, checked for leaks, none found. |
| | | | End of Entry <i>[Signature]</i> 353 27 47 |

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

| Date | TACH | TTSN |
|------|-------|------|
| | Hobbs | SMOH |

Performed Work: Must include signature, certificate number, and repair station number if applicable

Jet Air, Inc. (K10W)
 1801 S. Riverside Dr.
 Iowa City, IA 52246
 Ph. (319)-248-1200

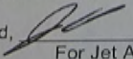


Date: 7/26/2024; Aircraft: N19519
 TACH: 4031.8 LYCOMING O-360-A1F6D S/N: L-22473-36A ETT: 4031.8 ETSMOH:
 363.0 W/O# SHI-23-00356

DRAINED OIL. REMOVED FILTER FOR INSPECTION; NO CONTAMINATION FOUND.
 INSTALLED NEW AA48103-2 AND SERVICED OIL WITH 8 QTS PHILLIPS X/C 20W50 OIL.
 COMPRESSION TEST RESULTS: #1 72/80, #2 74/80, #3 75/80, #4 70/80. CLEANED,
 GAPPED, AND CHECKED SPARK PLUGS. CHECKED MAG TIMING. CLEANED FUEL
 INJECTION NOZZLES. COMPLIED WITH THE FOLLOWING:

-TROUBLESHOT WOBBLY ALTERNATOR PULLEY. REMOVED PULLEY AND CHECKED RUN
 OUT ON ALTERNATOR SHAFT. NO DISCREPANCY FOUND. FOUND PULLEY BENT.
 INSTALLED SERVICEABLE PULLEY P/N 10-1005. TENSIONED BELT AND SAFETIED
 HARDWARE.

GROUND RUN OPERATIONAL AND LEAK CHECKS PERFORMED AND FOUND GOOD AT
 THIS TIME, AND HAVE FOUND THIS ENGINE TO BE IN AIRWORTHY CONDITION AS OF
 THIS DATE. I certify that this engine has been inspected in accordance with an ANNUAL
 inspection and was determined to be in airworthy condition.

Date 7/26/24 Signed, 

For Jet Air, Inc.-IOW FAA CRS I2JR069B

G&N Aircraft 9

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil
 of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Date

TACH

TTSN

Hobbs

SMOH

Performed Work: Must include signature, certificate number, and repair station number if applicable

G&N Aircraft, Inc.
10

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Parts List For O-360-A1F6D
S/N L-22473-36A W.O. # 73484

| Item Num. | Item Description | Quantity |
|----------------|-------------------------------|----------|
| AA48103-2 | Oil Filter | 1 |
| AB-382788 | Crush Washer | 4 |
| AB-382789 | Screw | 4 |
| AB-682014 | Gear | 2 |
| AF15472 | Fuel Pump New | 1 |
| CASE-4 RECON | Crankcase Reconditioned | 1 |
| ES10-682054 | Block 4 Cyl | 1 |
| KA10-400574 | Capacitor | 2 |
| LW-12186 | Nut | 8 |
| LW-12347 | Plate | 1 |
| LW-12892 | Thrust Button | ** |
| LW-12945 | Seal & Gasket Set | ** |
| LW-13790 | Shaft | 4 |
| LW-13923 | Bushing | ** |
| LW-14820 | Ring | 4 |
| LW-15592-5-05 | Clamp | 2 |
| LW-16266-25-38 | Clamp | ** |
| LW-18667 | Pin | 1 |
| LW-18840 | Camshaft | 1 |
| MS16625-1100 | Ring-Int Retaining -1 | ** |
| MS21044N06 | Nut | 2 |
| MS29512-06 | O Ring | 3 |
| M2915 | Harness | 1 |
| O-PARTS | LW-10305-S Gear SERVICEABLE | 1 |
| O-PARTS | 61247-S Rocker covers SRVCBLE | 4 |
| RG-75906 | Gasket Valve Cover Lyc: | 4 |
| STD-1821 | Hose | ** |
| STD-2013 | Seal | ** |
| STD-2090 | Nut | 4 |
| STD-2231 | Ring | ** |
| STD-2249 | Nut | 3 |
| STD-2251 | Bolt Hex | 1 |
| STD-551 | Plug | 1 |
| URHM38S | Spark Plug Fine Wire | 8 |
| 05K21104 | Cylinder Kit | 4 |
| 05S21021 | Spring | 1 |
| 06B23072 | Gasket | 1 |
| 10-14268 | Washer | 2 |
| 10-349248 | Slinger | 1 |
| 10-35936-7 | Screw Assy | 4 |
| 10-382585 | Cont Assy | 2 |
| 10-391213 | Scr-Wash | 1 |
| 10-400567AC | Bearing | 1 |
| 10-50752 | Washer | 2 |
| 10-51324 | Spring | 1 |
| 10-90751-18 | Pin | 1 |
| 10-90788-5 | Key | 2 |
| 1028-B | Ball | 1 |
| 14W21696 | Roller | 2 |

Parts List For O-360-A1F6D
S/N L-22473-36A W.O. # 73484

| Item Num. | Item Description | Quantity |
|------------|----------------------------|----------|
| 15B26066 | Plunger Lifter | 8 |
| 15B26262 | Hydraulic Tappet Body | 8 |
| 155-560-F | Lever Assembly | 1 |
| 155-568-F | Lever | 1 |
| 18A26093 | Bearing | 2 |
| 18D26096 | Bearing | 4 |
| 18M26105 | Bearing | 8 |
| 23D26777 | Plunger - Fuel Pump Long | 1 |
| 25C-12 | Stud | 2 |
| 286-1661-F | Major Repair Kit | 1 |
| 30-862-FS | FLOAT ASSY | 1 |
| 383-B | Nut | 16 |
| 502102-1 | Ring | 1 |
| 53E22144 | Valve | 1 |
| 55K21022 | Spacer | 1 |
| 61084 | Spring | 1 |
| 63-B452-F | Plate ID | 1 |
| 68H22624 | Cushion Mag | 2 |
| 69603 | Hose | 4 |
| 71907 | Washer | 8 |
| 72566 | Gear Starter Ring | 1 |
| 72797 | Roller | 2 |
| 72801-R | Cwt Assy - Reconditioned | 2 |
| 73810 | Bushing | 4 |
| 74070 | Elbow | 1 |
| 74637 | Bushing | ** |
| 75060 | Bolt | 8 |
| 76121-R | Bolt | 8 |
| 78-1-F | Shaft Assy - Reconditioned | 1 |
| 95-63-F | Washer | 1 |
| | Screen Bowl Vent | 1 |

* * * END OF REPORT * * *

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